

**AGENDA**



**Recommendation for Council Action**

Austin City Council	Item ID	31598	Agenda Number	7.
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Meeting Date:	3/27/2014	Department:	Austin Energy
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**Subject**

Approve issuance of a rebate to the Teachers Insurance and Annuity Association of America, for performing energy efficiency improvements at The Cliffs at Barton Creek Apartments located at 3050 Tamarron Blvd., Austin, Texas 78746, in an amount not to exceed \$105,000.

**Amount and Source of Funding**

Funding is available in the Fiscal Year 2013-2014 Operating Budget of Austin Energy.

**Fiscal Note**

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.
Boards and Commission Action:	March 17, 2014 - Recommended by the Electric Utility Commission on a vote of 7-0.
MBE / WBE:	
Related Items:	

**Additional Backup Information**

Austin Energy requests authorization to issue a rebate to the Teachers Insurance and Annuity Association of America, in an amount not to exceed \$105,000, for performing multiple energy efficiency improvements at The Cliffs at Barton Creek Apartments in accordance with the Austin Energy's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to 2020, approved in April 2010 by City Council and designed to reduce local air pollution through energy conservation, reduce peak demand, and assist customers in reducing electric consumption.

The Cliffs at Barton Creek Apartments are located at 3050 Tamarron Blvd., Austin, Texas 78746. The property comprises 13 buildings containing 210 apartment units, with 205,856 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$1,207 to \$1,629 and the two bedroom units range from \$1,518 to \$2,002 depending on amenities. The energy and water efficiency upgrades include: air infiltration measures, duct sealing, and the installation of insulation and low flow water devices. The total cost of this project is \$117,811 and the rebate will cover 89% of the cost of the project. The improvements qualify at a rebate level of \$500 per apartment.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 190.7 kW, at a program cost of \$549 per kW saved. The avoided kilowatt hours (kWh), estimated at 258,452 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 155.2 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.108 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.098 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 348,441 vehicle miles traveled, the removal of 29.7 cars from our roadways, or the planting of 3,987 trees or 199 acres of forest in Austin's parks. The project will also generate approximately 116,303 gallons of water savings at the power plant.